



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/712,308	11/13/2000	Shell S. Simpson	10007660-1	8633
7590 03/07/2007 HEWLETT-PACKARD COMPANY Intellectual Property Administration P. O. Box 272400 Fort Collins, CO 80527-2400			EXAMINER	
			BRINICH, STEPHEN M	
			ART UNIT	PAPER NUMBER
			2625	

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
2 MONTHS	03/07/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.



UNITED STATES DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office

Address: COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, Virginia 22313-1450

APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
---------------------------------	-------------	---	---------------------

EXAMINER

ART UNIT PAPER

20070227

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner for Patents



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

MAILED

MAR 07 2007

Technology Center 2600

**BEFORE THE BOARD OF PATENT APPEALS
AND INTERFERENCES**

Application Number: 09/712,308
Filing Date: November 13, 2000
Appellant(s): SIMPSON ET AL.

MAILED

MAR 07 2007

Technology Center 2600

Jack H. McKinney
For Appellant

EXAMINER'S ANSWER

This is in response to the appeal brief filed 11/30/06 appealing
from the Office action mailed 8/18/06.

(1) Real Party in Interest

A statement identifying by name the real party in interest is contained in the brief.

(2) Related Appeals and Interferences

The examiner is not aware of any related appeals, interferences, or judicial proceedings which will directly affect or be directly affected by or have a bearing on the Board's decision in the pending appeal.

(3) Status of Claims

The statement of the status of claims contained in the brief is correct.

(4) Status of Amendments After Final

The appellant's statement of the status of amendments after final rejection contained in the brief is correct.

(5) Summary of Claimed Subject Matter

The summary of claimed subject matter contained in the brief is correct.

(6) Grounds of Rejection to be Reviewed on Appeal

The appellant's statement of the grounds of rejection to be reviewed on appeal is correct.

(7) Claims Appendix

The copy of the appealed claims contained in the Appendix to the brief is correct.

(8) Evidence Relied Upon

6903832

MAEKAWA ET AL.

6-2005

(9) Grounds of Rejection

The following ground(s) of rejection are applicable to the appealed claims:

1. Claims 1, 4, 7-8, 10-15, & 17 are rejected under 35 U.S.C. 102(e) as being anticipated by Maekawa et al.

Re claims 1, 4, 7-8, 10-13, 15, & 17, Maekawa et al discloses (column 2, line 65 - column 3, line 12; column 5, line 62 - column 10, line 44 (particularly column 5, line 64 - column 6, line 6; column 7, lines 12-16; and column 9, line 49-59); and Figures 1 & 4-9) an arrangement in which an external device (e.g. a computer) 101 sends instructions to a printer 102 which are executed by the printer to carry out print jobs (in which the printer generates a hard copy representation of data representing an image), and the printer (specifically, the printer controller 103) executes communication (column 3, lines 1-6; column 4, lines 55-61) with an external device 101 in order to send instructions (instructing the external device to receive

a status indication signal, followed by the sending of the status indication signal itself) to the external device 101 to generate the display of a print status page that reflects this status indication signal.

Re claim 3, the instructions are an "agent" of the printer, insofar as they are agents through which the external device generates a print status display in response to the printer's instructions.

Re claims 13-15 & 17, the external device 101 is readable upon the recited "client".

Re claim 14, Maekawa et al discloses (Figure 5) that the printer and external device are connected by a network.

Claim Rejections - 35 USC § 103

2. Claims 5-6, 9, 16, & 18-23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Maekawa et al.

Re claims 5-6, 9, 16, & 18-23, Maekawa et al does not disclose the specific recited formats for the instructions (HTML, Javascript, or C-Sharp code) or the print status page (Web page).

The selection of a particular known format for conveying or displaying information would be a selection among equivalents of a type judicially recognized as obvious to one of ordinary skill in the art unless the reason for selecting one equivalent over

another was to solve an existent problem (*In re Ruff*, 118 USPQ 343).

Further re claim 19 (and dependent claims 20-23), the interface via which the printer sends the instructions (status indication signal) is readable upon the (not further described) recited "I/O port".

(10) Response to Argument

Re claim 1, Appellant argues (Appeal Brief: page 4, line 14 - page 6, line 15, particularly page 5, line 13 - page 6, line 15) that Maekawa et al teaches a utility application previously installed on a host computer (the "external device") that receives status signal data from a printer. Appellant argues that this status signal data is not readable on the recited "executable instructions" and that the utility application (made up of "executable instructions") in the host computer is not sent from the printer.

While the status signal data itself does not constitute "executable instructions", the effecting of communication of this status signal data from the printer to the host computer as described (column 3, lines 1-6; column 4, lines 55-61) inherently requires that the printer send at least one instruction (an instruction to begin receiving and processing

data) which is executed by the host computer (which receives and processes the data).

Re claims 4-6, Appellant argues (Appeal Brief: page 6, lines 14-15) that claims 4-6 are allowable for the same reasons as their parent claim (claim 1).

Appellant's arguments re claim 1 have been addressed above.

Re claim 7, Appellant argues (Appeal Brief: page 6, line 16 - page 7, line 9, particularly page 6, line 27 - page 7, line 9) that, as with claim 1, Maekawa et al does not teach the transmission, by the server, of a set of executable instructions to a client where the set of executable instructions is the agent of a particular printer and are to be executed by the client. In particular, Appellant argues that, as with claim 1, Maekawa et al fails to teach or suggest a method that includes a printer transmitting a set of executable instructions (thereby making those executable instructions the "agent" of that printer) to a computer (the "client") where the set of executable instructions enables the computer to display a print status page while the printer is printing the print job.

As noted above re claim 1, while the status signal data itself does not constitute "executable instructions", the effecting of communication of this status signal data from the printer to the host computer as described (column 3, lines 1-6;

column 4, lines 55-61) inherently requires that the printer send at least one instruction (an instruction to begin receiving and processing data) which is executed by the host computer (which receives and processes the data).

Re claims 8-10, Appellant argues (Appeal Brief: page 7, line 9) that claims 8-10 are allowable for the same reasons as their parent claim (claim 7).

Appellant's arguments re claim 7 have been addressed above.

Re claim 11, Appellant argues (Appeal Brief: page 7, line 10 - page 8, line 2, particularly page 7, line 21 - page 8, line 2) that, as with claim 1, Maekawa et al fails to teach or suggest a method that includes a printer transmitting a set of executable instructions to a computer where the set of executable instructions enables the computer to display a print status page while the printer is printing the print job.

As noted above re claim 1, while the status signal data itself does not constitute "executable instructions", the effecting of communication of this status signal data from the printer to the host computer as described (column 3, lines 1-6; column 4, lines 55-61) inherently requires that the printer send at least one instruction (an instruction to begin receiving and processing data) which is executed by the host computer (which receives and processes the data).

Re claim 12, Appellant argues (Appeal Brief: page 8, line 2) that claim 12 is allowable for the same reasons as its parent claim (claim 11, erroneously listed as "claim 7" in the Appeal Brief).

Appellant's arguments re claim 11 have been addressed above.

Re claim 13, Appellant argues (Appeal Brief: page 8, lines 3-16, particularly lines 10-16) that, as with claim 1, Maekawa et al fails to teach or suggest a method that includes a printer transmitting a set of executable instructions to a client where the set of executable instructions enables the client to display a print status page while the printer is printing the print job.

As noted above re claim 1, while the status signal data itself does not constitute "executable instructions", the effecting of communication of this status signal data from the printer to the host computer as described (column 3, lines 1-6; column 4, lines 55-61) inherently requires that the printer send at least one instruction (an instruction to begin receiving and processing data) which is executed by the client host computer (which receives and processes the data).

Re claims 14-18, Appellant argues (Appeal Brief: page 8, lines 15-16) that claims 14-18 are allowable for the same reasons as their parent claim (claim 13).

Appellant's arguments re claim 13 have been addressed above.

Re claims 5-6, 9, 16, & 18, Appellant argues (Appeal Brief: page 8, lines 17-24) that claims 5-6, 9, 16, & 18 are allowable for the same reasons as their respective parent claims (claims 1, 7, & 13).

Appellant's arguments re claims 1, 7, & 13 have been addressed above.

Re claim 19, Appellant argues (Appeal Brief: page 8, line 25 - page 9, line 16, particularly page 9, lines 9-16) that, as with claim 1, Maekawa et al fails to teach or suggest a method that includes a printer transmitting a set of executable instructions to a client where the set of executable instructions enables the client to display a print status page while the printer is printing the print job.

As noted above re claim 1, while the status signal data itself does not constitute "executable instructions", the effecting of communication of this status signal data from the printer to the host computer as described (column 3, lines 1-6; column 4, lines 55-61) inherently requires that the printer send at least one instruction (an instruction to begin receiving and processing data) which is executed by the client host computer (which receives and processes the data).

Art Unit: 2625

Re claims 20-23, Appellant argues (Appeal Brief: page 9, lines 15-16) that claims 20-23 are allowable for the same reasons as their parent claim (claim 19, erroneously listed as "claim 1" in the Appeal Brief).

Appellant's arguments re claim 19 have been addressed above.

(11) Related Proceeding(s) Appendix

No decision rendered by a court or the Board is identified by the examiner in the Related Appeals and Interferences section of this examiner's answer.

For the above reasons, it is believed that the rejections should be sustained.

Respectfully submitted,

Stephen Brinich *Stephen Brinich*

Conferees:

David Moore

Aung S. Moe
AUNG S. MOE
SUPERVISORY PATENT EXAMINER

3/3/07

David Moore

Aung Moe

DAVID MOORE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600
AUNG S. MOE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600